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Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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JUN 19 2001

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In re application of:

Monto H. KUMAGAI, *et.al.*

Application Serial No. 09/359,300

Filed: July 21, 1999

Art Unit: 1636

Examiner: Leffers Jr., G.

Attorney's Docket No:
08010137US07

For: **METHOD OF COMPILING A
FUNCTIONAL GENE PROFILE BY
TRANSFECTING A NUCLEIC ACID
SEQUENCE OF A NON-PLANT
DONOR INTO A HOST PLANT IN A
POSITIVE SENSE ORIENTATION**

RESPONSE TO OFFICE ACTION

Commissioner for Patents
Washington, D.C. 20231

Sir:

This is a Response to the Office Action dated February 14, 2001. The response is submitted prior to or including the extended due date of **June 14, 2001**. A petition for one-month extension of time and the requisite fee is enclosed herewith. The Examiner is respectfully requested to enter the amendments and reconsider the application.

THE AMENDMENT

In the Claims

45. (Three Times Amended) A method of compiling a positive sense functional gene profile of an organism comprising:

- (a) preparing a library of DNA or RNA sequences from a non-plant donor organism, and constructing recombinant viral nucleic acids comprising an unidentified nucleic acid insert obtained from said library in a positive sense orientation;
- (b) infecting a plant host with one or more said recombinant viral nucleic acids;
- (c) transiently expressing the unidentified nucleic acid in said plant host;